Attachment for PTO-948 (Rev. 03/01, or earlier) 6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings MUST be filed within the THREE MONTH shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1 136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Drattsperson, MUST be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings MUST be approved by the examiner before the application will be allowed. No changes will be permitted to be made other than correction of informalities, unless the examiner has approved the proposed changes

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication See 37 CFR 1.85(a)

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.

Form PTO 948 (Rev. 03/01) U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office

1.7

<u>593360</u> Application No.

Best Available Copy

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) A. papproved by the Draftsperson under 37 CFR 1.84 or 1.152. B. pojected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be sumitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:	
Black ink. Color.	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
	Words do not appear on a horizontal, left-to-right fashion
Color drawings are not acceptable until petiton is granted.	when page is either upright or turned so that the top
Fig(s)	becomes the siste side
Pencil and non black ink not permitted. Fig(s)	becomes the right side, except for graphs. Fig(s)
2. PHOTOGRAPHS. 37 CFR 1.84(b)	9. SCALE. 37 CFR 1.84(k)
1 full-tone set is required. Fig(s)	Scale not large enough to show mechanism without
reaction set is required. Fig(s)	crowding when drawing is reduced in size to two-thirds in
Photographs may not be mounted, 37 CFR 1.84(c)	reproduction.
Poor quality (half-tone). Fig(s)	Fig(s)
3. TYPE OF PAPER. 37 CFR 1.84(e)	
Paper not flexible, strong, white, and durable.	10. CHARACTER OF LINES, NUMBERS, & LETTERS.
P ig(s)	37 CFR 1.84(i)
	Lines, numbers & letters not uniformly thick and well
Erasures, alterations, overwritings, interlineations,	defined, clean, durable, and black (poor line quality).
folds, copy machine marks not accepted. Fig(s)	Fig(s)
Mylar, velum paper is not acceptable (too thin).	11. SHADING. 37 CFR 1.84(m)
Fig(s)	
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:	Solid black areas pale. Fig(s)
21.0 cm by 29.7 cm (DIN size A4)	Solid black shading not permitted. Fig(s)
21.6 cm by 27.9 cm (81/2 x 11 inches)	Shade lines, pale, rough and blurred. Fig(s)
All drawing shares and a state of the state	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.
All drawing sheets not the same size.	37 CFR 1.84(p)
Sheet(s)	Numbers and reference characters not plain and legible.
Drawings sheets not an acceptable size. Fig(s)	Fig(s)
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:	
i i i i i i i i i i i i i i i i i i i	Figure legends are poor. Fig(s)
Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm	Numbers and reference characters not oriented in the
SIZE: A4 Size	same direction as the view. 37 CFR 1.84(p)(1)
	Fig(s)
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	English alphabet not used. 37 CFR 1.84(p)(2)
$\begin{array}{c} \text{SIZE: } & \text{SIZE: } &$	$r = \frac{1}{\text{Figs}}$
Margins not acceptable. Fig(s) 127, 40 AU 201	
$ Top(T) \qquad Left(L)$	Numbers, letters and reference characters must be at least
$\underbrace{\frac{1}{100}}_{\text{Right (R)}} \underset{\text{Right (R)}}{\text{Right (R)}} \underbrace{\frac{1}{100}}_{\text{Bottom (B)}} \underbrace{4D-6}_{\text{IOB}} \underbrace{10B}_{\text{IOB}}$.32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
6. VIEWS. 37 CFR 1.84(h)	Fig(s)
DEMINDED Could at	13. LEAD LINES. 37 CFR 1.84(g)
REMINDER: Specification may require revision to	Lead lines cross each other. Fig(s)
correspond to drawing changes.	Lead lines missing. Fig(s)
Partial views. 37 CFR 1.84(h)(2)	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(1)
Brackets needed to show figure as one entity.	CHR HOMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(1)
Fig(s)	Sheets not numbered consecutively, and in Arabic numerals
Views not labeled separately or property.	beginning with number 1. Sheet(s)
Fig(s)	15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
	Views not numbered consecutively, and in Arabic numerats
Enlarged view not labeled separetely or properly.	beginning with number 1. Fig(s)
Fig(s)	16. CORRECTIONS. 37 CFR 1.84(w)
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)	Corrections not made from prior PTO-948
Hatching not indicated for sectional portions of an object.	dated
Fig(s)	17. DESIGN DRAWINGS, 37 CFR 1.152
	Surface shading shown not appropriate. Fig(s)
Sectional designation should be noted with Arabic or	Solid black shading not used for color contrast.
Roman numbers. Fig(s)	Fig(s)
COMMENTS	

REVIEWER ______ CBR _____ DATE 3/18/02 TELEPHONE NO. 703308/359 ATTACHMENT TO PAPER NO. _____

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File new drawing	becomes the right side, except for gran	ein. Identifying-indicia, if provided. should include the on number, or docket number (if any) if an application
title: of the invent	tion, inventor's, name, iand applicatio	n number, or docket number (if any) if an applicatio
number has not b	een assigned to the application. If thi	s information is provided, it must be placed on the first
of each sheet and	d centered within the top margin. T	he drawing should be filed as a separate paper with
transmittal letter	addressed to the Drawing Reveiw Bi	ranch
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2. Timing for C	Fig(s) Fig(s) II. SHADING. 37 CFR 1.64(m)	folds, copy mightine marks not necepted. Fig(s) Mytar, yelum paper is not neceptable tree thin).
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period set in the	Notice of Allowability (PTOL-37).	21.6 cm by 27.9 cm (6.1/2 x H indices) All div ving sneets not the same size.
The second second second	37 CFR 1.8-I(p)	Il result in ABANDONMENT of the Application. ²
Failure to take co	Shechve action within Set period with	 Drawings specificant an acceptible size. Fig(s) ARG(NS, J) CER J.S4(g): Acceptable matrins:
3 Corrections	Figure legends are poor. Fig(s)	rawing Review Branch on the Form PTO-948
5. Concections (1)(q)48.	same direction as the view, 37 CER 1	p 2.5 cm Paft 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size
All changes to th	e drawings other than defects noted	by the Drawing Review Branch - MUST be approved b
the examiner be	fore the application will be allowed.	the blawing rest and the permitted other than correction of the permitted other than correction of the permitted other figs and the
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	Lead lines missing. Fig(a)	respond to enarring changes. rial sucks: 37 CFR 1.8-(DRC)
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